

Cable #	Copper Wire Structure	Cross Section	Copper Wire Diameter	Insulator Thickness	Outer Diameter	Conductor Resistance	Ampere
AWG	mm	mm²	mm	mm	mm	Ω/KM	A
8AWG	1650/0.08	8.25	3.75	1.2	6	3.7	80
10AWG	1050/0.08	5.25	3	1.3	5.5	6.3	50
12AWG	680/0.08	3.4	2.4	1.05	4.5	10	30
14AWG	400/0.08	2	1.85	0.9	3.5	15	20
16AWG	252/0.08	1.26	1.45	0.75	3	25	10
18AWG	150/0.08	0.75	1.15	0.55	2.3	39.5	6
20AWG	100/0.08	0.5	0.95	0.45	1.8	63	5
22AWG	60/0.08	0.3	0.72	0.45	1.7	88.5	3